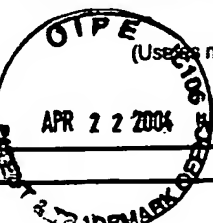


# INFORMATION DISCLOSURE STATEMENT BY APPLICANT



(Use as many sheets as necessary)

APR 22 2004

Page 1 of 1

Application Number

10/815366

Filing Date

April 1, 2004

First Named Inventor

Dennis J. Chirhart

Art Unit

Examiner Name

Attorney Case Number

59678US002

## U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
NA	A1	US- 4,025,159	05/24/77	McGrath	
	A2	US- 4,983,436	11/17/88	Bailey et al.	
	A3	US- 5,064,272	11/12/91	Bailey et al.	
	A4	US- 5,066,098	11/19/91	Kult et al.	
	A5	US- 5,069,964	12/03/91	Tolliver et al.	
	A6	US- 5,138,488	08/11/92	Szczzech	
	A7	US- 5,262,225	11/16/93	Wilson et al.	
	A8	US- 5,387,458	02/07/95	Pavelka et al.	
	A9	US- 5,450,235	09/21/95	Smith et al.	
	A10	US- 5,605,761	02/25/97	Burns et al.	
	A11	US- 5,614,286	03/25/97	Bacon et al.	
	A12	US- 5,691,846	11/25/97	Benson, Jr. et al.	
	A13	US- 6,224,792	05/01/01	Janovec	
	A14	US- 6,325,515	12/04/01	Coderre et al.	
	A15	US- 6,479,417	11/12/02	Frey et al.	
	A16	US- 6,632,508	10/14/03	Pellerite et al.	
NA	A17	US- 6,652,954	11/25/03	Nielsen et al	

## Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (If known)				
	B1						

## OTHER DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	C1		

\*Examiner:

N. Ahmad

Date Considered:

2.6.04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement)

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Use as many sheets as necessary)

Page 1 of 1

Application Number	10/815366
Filing Date	April 1, 2004
First Named Inventor	Dennis J. Chirhart
Art Unit	
Examiner Name	
Attorney Case Number	59678US002

## U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
NA	A1	US- 6,120,636	09/19/2000	Nilsen et al.	
NA	A2	US- 6,568,817 B1	05/27/2003	Mimura et al.	
	A3	US-			
	A4	US-			
	A5	US-			
	A6	US-			
	A7	US-			
	A8	US-			

## Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (If known)				
NA	B1	PCT	WO99/37470	07/29/99			

## OTHER DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	C1	Zwahlen, Helmut T. et al., <i>Transportation Research Record No. 1327 Highway Operations, Capacity, and Traffic Control Visibility, Rail-Highway Grade Crossings, and Highway Improvement Evaluation (1991) "Color and Shape Recognition of Reflectorized Targets Under Automobile Low-Beam Illumination at Night"</i> pp. 1-7	

\*Examiner: N. Ahmad

Date Considered: 2.6.04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement)

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 1 of 1

Application Number

10/815366

Filing Date

April 1, 2004

First Named Inventor

Chirhart, Dennis J.

Art Unit

1772

Examiner Name

Ahmad, Nassar

Attorney Case Number

59678US002

## U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
NA	A1	US- 5,272,562	12/21/1993	Coderre	
NA	A2	US- 6,139,158	10/31/2000	Nilsen et al.	

## Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (if known)				
NA	B1	WO	99/36806	07/22/1999			
NA	B2	WO	01/79897	10/25/2001			

## OTHER DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation (Check if yes)
	C1		

\*Examiner:

N. Ahmad

Date Considered:

2.6.06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement)

NA U.S. Patent 6,481,857 B2, issued on November 19, 2002 to Peter R. Smith;  
I U.S. Patent 6,323,266 B2, issued on November 27, 2001 to Edward D. Phillips  
I U.S. Patent 5,508,105 A, issued on April 16, 1996 to Bruce D. Orenstein *et al.*;  
I U.S. Patent 4,801,193, issued on January 31, 1989 to David C. Martin; and  
NA U.S. Patent 4,153,412, issued on May 8, 1979 to Terry R. Bailey.

N. Ahmad

Examiner

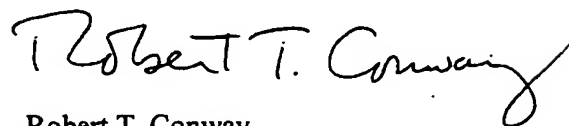
2.6.04

Date

It is requested that the information disclosed herein be made of record in this application.  
Copies of the cited references are enclosed.

The undersigned requests that the Third-Party Submission and cited references be reviewed and considered by the Examiner. The fee set forth in 37 C.F.R. § 1.17(p) as required under 37 C.F.R. 1.99(b)(1) is included in the form of a check for \$180.00 is enclosed. A copy of this Statement is enclosed for accounting purposes. Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

HAMILTON, BROOK, SMITH &  
REYNOLDS, P.C.Robert T. Conway  
Registration No. 33,859  
Telephone: (978) 341-0036  
Facsimile: (978) 341-0136Dated: December 5, 2005  
Concord, Massachusetts 01742-9133